

ABSTRACT

The modular master control unit of the telecommunications power system communicates via a data bus with the associated modular rectifier units, distribution unit(s) and battery connection unit(s) to collect operating state information from the neuron processors of those units and store that information in a database. The master control unit also controls the operation of the associated modular units by supplying operating state information, based on values stored in the database. The user interface manager module provides local user interface control over the system by allowing the user through a local display screen and touch pad to read from and write to the database. By downloading an applet to a remote computer running a web browser, the user interface manager allows users at remote locations to perform the same control and monitor functions as a user at the local site. The applet runs within the standard browser and communicates with the user interface manager using TCP/IP protocol.

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